

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: November 10, 2005

Inspector: Don Ukers

Location: 115 kV Underground Route

Storm/

Rain Event: Approximately 0.5- 0.65" of rain fell over 11/9-11/10 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	- Bethel Educational Park: Work here is complete for the time being. 11/10/05	-See erosion control section for specifics. 11/10/05
Hoyts Hill Transition Structure	-The transition structure has been installed here and work will return to pull cable in the future. 10/27-11/10/05	- None at this time. 11/10/05
Gallows Hill Road and Rt. 107, Redding	-Any work remaining on Gallows Hill is within the vaults. 11/10/05 - Work was ongoing to bring the street to permanent grade and pavement along Rt. 107 near the Redding Country Club. 11/10/05 - Storage areas along the roadway remain in use. 11/10/05	-None at this time. 11/10/05 - No issues were present. 11/10/05 - See additional sections for more information. 11/10/05
Rt. 58, Bethel	- Crews continue work along Rt. 58, bringing the roadway to final grade in the vicinity of #71. Cable pulling near Steck's was also observed. 11/10/05	- See additional sections for more information. 11/10/05

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Broad Street/ROW, Norwalk	<ul style="list-style-type: none"> - The jack and bore under the railroad on Broad St. is still being brought to grade with some trenching ongoing in this section. 11/10/05 - Work to connect the bike path down the ROW to Broad St. is scheduled. 11/10/05 	<ul style="list-style-type: none"> -Activities were fairly well contained here. See additional sections for more information. 10/12-11/10/05 - Grading is ongoing at this time. 11/10/05
Broad Street/ROW, Norwalk	<ul style="list-style-type: none"> -Pavers are being restored along the Broad St shoulder under the overpass. 11/10/05 	<ul style="list-style-type: none"> - Perform restoration measures along Broad St. when feasible when work here is complete. 11/10/05
Rt. 7, Norwalk	<ul style="list-style-type: none"> - Nightwork continues along Rt. 7. Continue to monitor potential sediment/catch basin issues. 10/19-11/10/05 - Erosion controls at the Merritt cloverleaf concrete washout were well repaired with a plastic liner installed. 11/10/05 - Trenching from Rt. 7 into Norwalk Junction transition station is complete but used absorbent booms remain at the site. 10/27-11/10/05 	<ul style="list-style-type: none"> - See erosion control section for specific information but additional controls were noted. 11/10/05 -See erosion control and storage sections for additional information. 11/10/05 - Absorbent booms left behind need to be removed. See erosion control and spill sections for more information. 10/19-11/10/05
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> - Silt fence will be removed from most areas as the street work is largely complete. Fence should only be removed if the adjacent area has not been disturbed or if it has been seeded and mulched. 10/27-11/10/05 	<ul style="list-style-type: none"> - If the road grade work causes further disturbance, the area must be restored with additional mulch. 10/27-11/10/05
Bethel Educational Park	<ul style="list-style-type: none"> - The stoned gully on the northern part of the ROW remains stable at this time. 11/10/05 - A small washout was also noted along the southern ROW access drive with some sedimentation beginning to run over the silt fence. 11/10/05 - The slope at the southern end of the ROW remains stable with very minor erosion even following rains. 11/10/05 	<ul style="list-style-type: none"> -Continue to monitor but the stone placement looks good. 11/2/05 - The silt fence needs repair and the gully could be placed with stone. 11/10/05 - If necessary, place mulch and seed or less preferable, stone along the slope to further stabilize. 11/10/05

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Hoyts Hill Riser Transition Structure (Off Rt. 58)	- Erosion controls have been removed around the upgradient portion but should remain at the low points. 11/10/05	- Equipment will return here for some cable work but the area should be stabilized after that. 11/10/05
Route 58	<p>- Most catch basins near the work areas are being consistently placed with either haybales or fabric and are well protected. 11/10/05</p> <p>- Continue to monitor silt fence north of the Sunoco until the area is mulched/stabilized. 10/27-11/10/05</p> <p>- The stream at Sara's Way is still running clear and doing well. 11/10/05</p> <p>- Silt fence should be retained at the stream and at the Putnam Park storage area near the pond as the yard is still being used occasionally. 10/27-11/10/05</p> <p>-The Sunset Hill Rd. storage area could use some silt fence maintenance. 11/10/05</p>	<p>-In general, contain slurry or mobile sediment to work areas and street sweep the road extent including the gutters, regularly and maintain controls on all catch basins and inlets. 11/2/05</p> <p>- Either repair any holes and areas that were pushed over or restore the edge of roadway with seed/mulch and remove the fence. 11/2-11/10/05</p> <p>- Continue to monitor for complete restoration along the banks. 11/10/05</p> <p>- None at this time. 11/10/05</p> <p>- Pull trench boxes back from the fence. 11/10/05</p>
Gallows Hill Road	-The roadway and adjacent work areas are largely stabilized. 11/10/05	- None at this time 11/10/05

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Rt. 107 (Lonetown Rd)	<p>-Silt fence can be removed from areas along the roadway if they are stabilized with seed/mulch even with work returning for permanent grade. 10/19-11/10/05</p> <p>- Active roadway repair work was ongoing here. Catch basins were protected for the most part. 11/10/05</p> <p>- It has to be confirmed whether materials were still noted near Lois Lane. The bank cut area here should be restored when work is complete. 10/5-11/10/05</p>	<p>-Monitor road work and make sure no soil is stockpiled. Restore the roadside if equipment causes disturbance during this phase. 10/19-11/10/05</p> <p>- None at this time but restore when work is complete. 10/5-11/10/05</p>
Broad Street and ROW, Norwalk	<p>- The silt fence is well installed along most of the ROW but there was a low spot noted that needed repair. Grading along the ROW is in preparation for the connection of the bike path. 11/10/05</p> <p>- No further concrete washouts were noted on the ROW but the one from last week remains. 11/10/05</p> <p>- Bare soil areas are located along the roadway edges but work is still actively returning here. 10/12-11/10/05</p> <p>- Trenching continues and catch basins were well protected by a combination of city installed controls such as “gutter buddies” and contractor controls of silt fabric and haybales. 11/10/05</p>	<p>-Continue to maintain silt fence where needed. 11/10/05</p> <p>- The area will likely be cleaned up when the bike path comes through. 11/10/05</p> <p>- Restore areas as feasible and within time limits specified by the D&M plan and after the work here is completed. 11/10/05</p> <p>- The area is still contained. None at this time. 11/10/05</p>
Rt. 7, Norwalk	<p>- Catch basins were noted with contractor and city installed controls. 11/10/05</p> <p>-115kv work was complete at Norwalk Junction but absorbent booms were still left behind at the site. 10/27-11/10/05</p> <p>- Concrete washout area controls were well in place with the plastic liner installed. 11/10/05</p>	<p>- Continue to sweep up leftover sediments as part of “good housekeeping”. 11/2/05</p> <p>-Remove and dispose of the booms appropriately. 11/10/05</p> <p>- Continue to monitor. 11/10/05</p>

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Contaminated Soils	-Soil disposal is no longer a major component of the project as most areas of trench work are completed. Clean process was brought in to bring roadways to grade. All remaining soil work is still being handled as approved. 11/10/05	- All soils appear to be handled appropriately. 11/10/05
Adjacent Wetlands and Waterways	-The stream near Sara's Way off Rt. 58 remains clear and banks are free from erosion. 11/10/05	- None at this time. Continue to monitor for final vegetative stabilization. 11/10/05
Staging, Storage, and Parking Areas	<p>-The controls at the concrete washout near the Merritt cloverleaf were well installed. The plastic liner was in place and no leaks were noted. 10/27-11/10/05</p> <p>- A gravel berm was also installed here to protect the adjacent inlet. 11/10/05</p> <p>- The additional controls installed at the Redding Yard continue to be effective in retaining the concrete washout water. Outlet measures were in good shape and concrete was not observed to be reaching this point. 11/10/05</p> <p>- At the storage area off Rt. 58 near the Putnam Park entrance, controls remain in good shape and the area has limited use. 11/10/05</p> <p>- The silt fence at Sunset Hill Rd. storage yard could use some maintenance as trench boxes have been placed too close. The area across from the country club could also use some repair. 11/10/05</p>	<p>- This area looks very well contained. (This washout area is also used for other O&G projects). Continue to monitor and maintain. 11/10/05</p> <p>- This area is not as highly used as it was previously in the project but is still under good maintenance. 11/10/05</p> <p>-Retain the silt fence here due to the proximity of the pond. 11/10/05</p> <p>- Maintain fence as long as the areas are being used but it can be pulled if the storage areas are mulched/restored. 10/27-11/10/05</p>
State species of concern, threatened and endangered species	- No species of concern are located in the areas of construction.	- N/A
Vegetative clearing limits (including trees to save or	- Mulching of bare areas is ongoing and should continue for stabilization. When the areas are	- The D&M plan requires that disturbed areas to be left for more than 21-30 days before

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danger trees noted)	mulched and seeded, silt fence can be removed where work will not return. 9/7-11/10/05	work returns here should be temporarily stabilized with mulch or seed within 7-14 days.
Dewatering	<ul style="list-style-type: none"> - Dewatering discharge along the route from the O&G work is being directed to frac trucks or tanks due to concerns about the polluted soils. 7/21-11/10/05 -Dewatering is usually only needed near duct proofing activities now that most trench work is complete. Dewatering from any work conducted by Mass Electric/Kiewit is directed back to the ground through controls. 10/27-11/10/05 	<ul style="list-style-type: none"> - It appears that the storage and disposal solution will continue due to concerns about the background pollutants in soils, even in those not considered contaminated. 7/21-11/10/05
Blasting	<ul style="list-style-type: none"> - No blasting is occurring in any areas at this time. 	<ul style="list-style-type: none"> - None at this time.
Spills and Material Storage	<ul style="list-style-type: none"> - A report of any leaks or spills that reach the ground and occur during the week should be provided to BSC from internal project inspectors 6/15-11/10/05 - In general catch basins, inlets and swales should continue to consistently be protected especially in any area with sawcutting activities. Efforts have been good at this point. 11/10/05 - Absorbent booms were left behind on the Norwalk Junction site and should be removed. 10/19-11/10/05 	<ul style="list-style-type: none"> - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis and keep spill kits on hand. Report spills immediately, even if they are being controlled. - The contractors should remain vigilant about securing and handling fuel and material containers. - Equipment and materials should not be stored in wooded areas unless it is designated for storage.

Next likely scheduled inspection:

Thursday, November 17, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden for Don Ukers



115kV (Broad Street): The photo on the left shows some of the last remaining sections of trenching along Broad St. Photo on the right shows catch basins installed with gutter buddies. Basins have various types of contractor and city-installed controls. 11/10/05



115kV (Route 7): View of the Merritt Cloverleaf concrete washout area which was recently installed with a plastic liner and repairs were made to the controls here. The area is in good shape. 11/10/05



Photo on the left shows a further view of the repairs made to the washout area while photo on the right shows stone installed as a berm near the inlet. Concrete water no longer appears to be leaving the contained area due to the liner. 11/10/05



115kV (Redding Yard): The drain outlet from the yard remains well controlled and does not show signs that concrete washout is reaching this point. 11/10/05



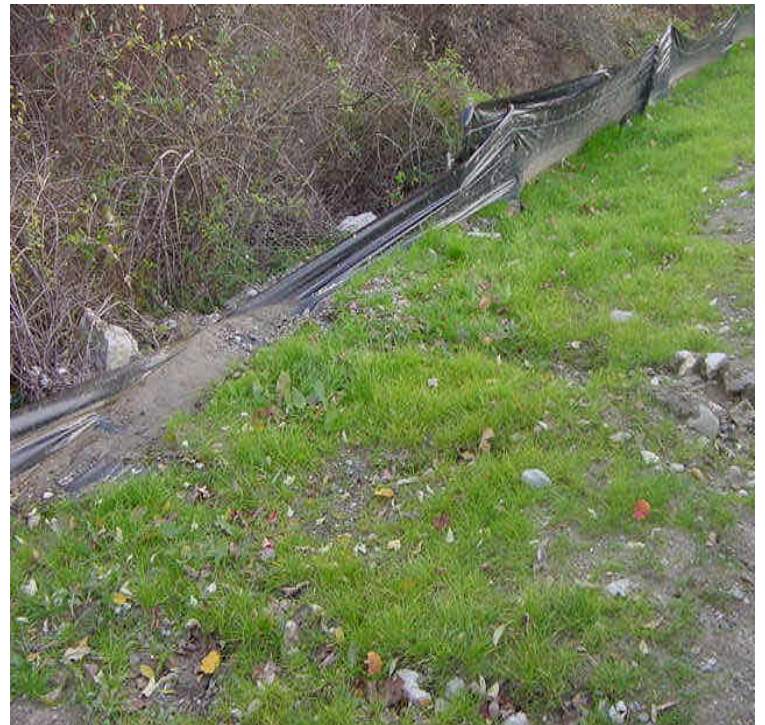
**115kV (Rt. 107) Both photos show the storage area adjacent to Redding Country Club. The silt was somewhat muddy and silt fence will remain until the area is no longer in use and is restored.
11/10/05**



115kV: (Rt 58). The photo on the left shows the storage area at Putnam Park with some use continuing here. Photo on the right shows the Sunset Hill storage yard where trench boxes were placed too close to the silt fence. 11/10/05



115kV (Rt. 58): Photo on the left shows the Hoyts Hill transition structure area where extraneous silt fence has now been removed and the area appears mostly stabilized. Photo on the right shows the stream at Sara's Way still running clear. 11/10/05.



115kV (Bethel Ed. Park): Photo on the left shows the slope near the southern end of the ROW. It remains in good condition even following the rains earlier. The photo on the right shows a spot along the ROW moving south where a washout has caused some sedimentation. 11/10/05